e ni					Docket Number (Optional) HOI-14402/	16	Application Number	63,976	
	IMO	RM FION DISCLOSUR			Applicant(s) Sorensen et al.			,00,7,0	
l /	٠.	(Use was all sheets if necess	sary)		Filing Date		Group Art Unit		·
		U 5 2006 ji			1/9/2006		Un	known	-
	3	<i>\$</i>	U.S	S. PATENT	DOCUMENTS				
•EXAMINER INITIAL	REF	PADE DOCUMENT NUMBER	DATE		NAME .	CLASS	SUBCLASS		DATE OPRIATE
/K.M./		US 5,686,070	11/11/1997	Doersch	uk et al.				
							_		
		•							
						+			
				<u> </u>		•		<u></u>	
		T	U.Ş. PATEN	T APPLICA	TION PUBLICATIONS			·	
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS		DATE OPRIATE
				ļ			· ·		
						•		II	
 					•				
			<u> </u>						
	γ	Υ	FORE	IGN PATE	NT DOCUMENTS	7			
	REF	DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	YES	station NO
/K.M./		WO 02/0902017 A2	21/11/2002	WIPO					
/K.M./		WO 02/079254 A1	10/10/2002	WIPO		<u> </u>			
	ļ				•				
				•	•				
			1.				J		
	r	LALEVANDED HI	OTHER I	OCUMEN	· · · · · · · · · · · · · · · · · · ·		Pertinent Pages, E	•	-41:
/K.M./		nine serotypes of Strep	otococcus pneumor	e with phet niae'', Infec	umolysin toxoid confers a ction and Immunity, Dec.	, 1994, p. 568	egree of protecti 3-5688.	on against	at least
/K.M./		ALONSODEVELASC Reviews, Dec. 1995, p.	O, "Streptococcus 591-603.	s pneumon	iae: Virulence Factors, P	athogenesis,	and Vaccines", M	Microbiolo	gical
EXAMINE	R	/Kerima Maasho/			DATE CONSIDERED	07/13/2	007		
		ial if citation considered, whethe eclude copy of this form with nex			ce with MPEP Section 609;	Draw line thro	ough citation if no	t in conform	ance and

(0 .	•	•			Docket Number (Optional) HOI-14402/16		Application Number 10/563,976			
	INFOF	RMATION DISCLOSURE (Use several sheets if necessa			Applicant(s) Sorensen et al.			00,770		
		(One deveral actually	***************************************		Filing Date 1/9/2006	.	Group Art Unit	known		
		. ·	U.S. I	PATENT	DOCUMENTS			KIIOWII		
•EXAMINER			1				1	FILIN	G DATE	
INITIAL	REF	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	1	OPRIATE	
							·			
			U.S. PATENT /	APPLICA	ATION PUBLICATIONS					
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS		G DATE ROPRIATE	
					•					
			FOREIG	N PATE	NT DOCUMENTS					
	REF	DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	Trans	nslation NO .	
	i							11~		
$\overline{}$	\sqcap		1				+		_	
		· · · · · · · · · · · · · · · · · · ·	+							
		·				· ·				
	\Box				·	<u></u>				
J			OTHER DO		,		=			
/K.M./		Anonymous, "Acute Re	spiratory Infections	in Unde	er-fives: 15 Million Deaths	a Year", Th	ie Lancet, Sept.	28, 1985,	2:699-701	
/K.M./		AU et al., "Evaluation of Protection Induced by Fig.	of the Role of the Pn Pneumococcal Subce	ieumococ ellular Pi	ccal Forssman Antigen (F-F reparations", Infection and	olysacchari I Immunity,	de) in the Cross Jan. 1981, p. 16	-Serotype i9-173, Vo	1. 31, No.	
EXAMINE	R	/Kerima Maasho/			DATE CONSIDERED	07/13/2	2007			
EXAMINEI not consider	R: Initial	l if citation considered, whether lude copy of this form with next	or not citation is in co	onformant	ce with MPEP Section 609; D	raw line thro	ugh citation if not	in conform	ance and	

P09A/REV05

1 411	INFOI	RMATION DISCLOSUR	E CITATION	Docket Number (Optional) Application Number HO1-14402/16 10/563,976 Applicant(s)				
		(Use several sheets if necess		Sorensen et al.				
	_			Filing Date 1/9/2000		Group Art Unit Un	known	
			U.S. PA	TENT DOCUMENTS	-		-	
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING IF APPRO	
		·						
								
			U.S. PATENT AF	PPLICATION PUBLICATIONS		···	ľ	
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE .	NAME	CLASS	SUBCLASS	FTLING IF APPRO	
			FOREIGN	PATENT DOCUMENTS				
	REF	DOCUMENT NUMBER	DATE .	COUNTRY	CLASS	SUBCLASS		istion
							YES	NO_
		***					•	
	1							
	ŀ							
		IREDDY A . IIC	OTHER DOC			Pertinent Pages, El		1000
'K.M./		p. 2324-2330, Vol 57, N	outton of Autolysin to lo. 8	Virulence of Streptococcus p	neumoniae", in	lection and imm	iunity, Aug	gust 19892
K.M./		BRILES et al., "Mouse of Streptococcus pneun	Antibody to Phosphononiae", Infection and	ocholine Can Protect Mice fro 1 Immunity, May 1992, p. 195	m Infection wit 7-1962, Vol. 60,	h Mouse-Virule , No. 5.	nt Human i	Isolates
EXAMINE	R	/Kerima Maasho/		DATE CONSIDERED	07/13/	2007		
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and lot considered. Include copy of this form with next communication to applicant.								

P09A/REV05

4 (41.1		•	<u> </u>		Docket Number (Optional) Application Number HOI-14402/16 10/563,93				76	
	INFO	RMATION DISCLOSURE (Use several sheets if necessar			Applicant(s) Sorensen et al.			00,5 . 0		
		(Out de loi di di loi de grino grino a li	,,		Filing Date 1/9/2006		Group Art Unit	known		
				DATENT.			Uiii	thown		
			Ū.s.	PATENT	DOCUMENTS		1			
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING IF APPRO		
						•				
			U.S. PATENT	APPLICA	TION PUBLICATIONS					
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING IF APPRO		
						VA.4874				
			FOREIC	GN PATEN	NT DOCUMENTS			 		
,	REF	DOCUMENT NUMBER	DATE	·	COUNTRY	CLASS	SUBCLASS	Trans YES	lation NO	
					•					
			<u> </u>							
						•				
			OTHER DO	OCUMENT	TS (Including Author,	Title, Date, P	ertinent Pages, Etc	(c)		
K.M./		CAMARA et al., "A Neu Immunity, Sept. 1994, p.	raminidase from 3688-3695, Vol. (Streptoco 62, No. 9.	ccus pneumoniae Has the I	eatures of	a Surface Protei	n", Infectio	on and	
′K.M./		CRAIN et al., "Pneumoc Important Capsular Sero 10.	occal Surface Pro otypes of Streptoc	otein A (Ps	spA) Is Serologically Highlumoniae", Infection and In	y Variable a nmunity, O	and Is Expressed et. 1990, p. 3293	by All Cli -3299, Vol.	inically . 58, No.	
EXAMINEI	R	/Kerima Maasho/			DATE CONSIDERED 0	7/13/2	007			
EXAMINEI	/Kerima Maasho/ MINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and considered. Include copy of this form with next communication to applicant.									

P09A/REV05

,		•			Docket Number (Optional) HOI-14402/16		Application Number 10/563,976			
	INFO	RMA:	TION DISCLOSURE	CITATION		Applicant(s)	<u> </u>	10/5	03,970	
			lse several sheets if necessar			Sorensen et al.				
	_					Filing Date 1/9/2006		Group Art Unit Unl	cnown	
				U.S.	. PATENT	DOCUMENTS				
EXAMINER	REF		DOCUMENT NUMBER	DATE	•	NAME	CLASS	SUBCLASS	FILING	DATE
INITIAL							-		IF APPRO	PRIATE

<u> </u>										
			,		-					
						 				
				U.S. PATENT	APPLICA	TION PUBLICATIONS				
EXAMINER INITIAL	REF		DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING IF APPRO	
					,					
						•				
		,								
									•	
				FOREI	GN PATE	NT DOCUMENTS	·			•
	REF		DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	YES	lation NO
						*************************************			1,23	
								-		
							<u> </u>			
			~ ^							
					7.0					
					-		1			
			·	OTHER D	000000	70 41 11 4 4				
IZ NA I		10	ROOK et al. "Immuno	OTHER D						tain
K.M./		Ò	PsaA) of Streptococcus	pneumoniae, Clir	nical and I	onal Antibodies against the Diagnostic Laboratory Imn	nunology, M	ar. 1998, p. 205	-210, Vol.	5, No. 2.
K.M./	+	- i	DE, B.K. et al., "Baculov	irus Expression,	Purificati	on and Evaluation of Reco	mbinant Pn	eumococcal Sur	ace Adhes	in A of
			eprococcus pneumomi	, . amoororogy,	, 1223 ₁ 0/il	. I - I ##.				
EXAMINE	R	/K	erima Maasho/			DATE CONSIDERED	07/13/	2007		
	(AMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and t considered. Include copy of this form with next communication to applicant.									

P09A/REV05

(())	, INFO	RMATION DISCLOSURE	CITATION	Docket Number (Optional) Application Number HOI-14402/16 10/563,976 Applicant(s)					
•	INFU	(Use several sheets if necessar		Sorensen					
				Filing Date	1/9/2006		Group Art Unit Unl	known	
	· · ·		U.S.	PATENT DOCUMEN	(TS				
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAMI	Ε	CLASS	SUBCLASS	FILING UF APPRO	
								WALL	PRIATE
			 						
			1						
			U.S. PATENT	APPLICATION PUB	LICATIONS				
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAMI	Ε	CLASS	SUBCLASS	FILING IF APPRO	
				•				_ If Girls	PERIOLE
							1		
				· · · · · · · · · · · · · · · · · · ·					
			FOREIC	GN PATENT DOCUM	IENTS				
	REF	DOCUMENT NUMBER	DATE	COUNTY	RY	CIASS	SUBCLASS	Trans YES	lation NO
								,,,,	
				· · · · · · · · · · · · · · · · · · ·					
		****		<u> </u>		-			
	الــــــا	· · · · · · · · · · · · · · · · · · ·	OTHER DO	OCUMENTS (A	Including Author,	Title, Date, P	Pertinent Pages, Et	(c.)	
K.M./		TOYOS et al., "Function 480-484, Vol. 64, No. 2.	nal Analysis of Pn				_		. 1996, р.
K.M./		GILLESPIE et al., "Spe Antigen", Infection and	cies of Alpha-Hem Immunity, July 19	olytic Streptococci 193, p. 3076-3077, V	Possessing a C-P ol. 61, No. 7.	'olysacchari	de Phosphorylc	holine-Con	taining
EXAMINE	R	/Kerima Maasho/	· · · · · · · · · · · · · · · · · · ·	DATE CO	NSIDERED 0	7/13/2	007		
		al if citation considered, whether colude copy of this form with next of			EP Section 609; Dr	raw line thro	ugh citation if not	in conform	ance and

P09A/REV05

3 40 0	•			Docket Number (Optional) Application Number 10/563,976					
]	INFO	RMATION DISCLOSURE (Use several sheets if necessar			Applicant(s) Sorensen et al.	*			
					Filing Date 1/9/2006		Group Art Unit Unl	known	
			U.S.	. PATENT	DOCUMENTS				
EXAMINER	REF	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING	1
INITIAL								IF APPRO	PRIATE
	\vdash						 	 	
				 	-			-	
							-	 	
			-	<u> </u>				 	
		<u> </u>	TIS PATENT	T A PPI ICA	ATION PUBLICATIONS				
•EXAMINER				Arruca				FILING	DATE
INITIAL	REP	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	IF APPRO	
			·						
			FOREI	IGN PATE	NT DOCUMENTS	Y			
	REF	DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	Transl YES	lation NO
·		•							`
							+ !		
			 				<u> </u>	\vdash	
				<u> </u>			-		—
		<u></u>							
~		Will at al "Characteri		OCUMEN	,		•	•	190
/K.M./		Conjugate Vaccines", In	fection and Immu	unity, July	neumolysin and Its Use as a y 1995, p. 2706-2713, Vol. 6	3, No. 7.	THE IOI I HOUSE	Ococcai 13	pe 10C
/K.M./		LEE et al., "Immunolog Microbiology, 23(2):121	ic Epitope, Gene, -142 (1997).	and Imme	unity Involved in Pneumoco	occal Glycoc	onjugate", Crit	ical Review	vs in
EXAMINE	R	/Kerima Maasho/			DATE CONSIDERED (07/13/2	007		
		al if citation considered, whether c			ce with MPEP Section 609; D	raw line thro	agh citation if not	in conform	ance and

,					Docket Number (Optional) HOI-14402/16			Application Number 10/563,976			
	INFO		ISCLOSURE if necessar			Applicant(s) Sorensen et al.		* .			
						Filing Date 1/9/2006		Group Art Unit Un	known		
				U.S	. PATENT	DOCUMENTS					
EXAMINER INITIAL	REF	DOCUMEN	T NUMBER	DATE		NAME	CLASS	SUBCLASS	. FILING		
							0		_		
					· 						
			•								
				·							
,				U.S. PATENT	APPLICA	TION PUBLICATIONS					
EXAMINER INITIAL	REF	DOCUMEN	T NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING IF APPRO		
-						,	-	·			
		•									
				FOREI	GN PATEN	NT DOCUMENTS					
	REF	DOCUMEN	T NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	Trans	NO NO	
							1				
	_										
					-						
			•	OTHER D		,					
K.M./		LOCK et Streptoco	al., "Comparat occus pneumonia	ive efficacy of price", Microbial Pa	eumococc athogenesi	al neuraminidase and pne s 1988; 5: 461-467.	umolysin as i	mmunogens pro	tective ag	ainst	
K.M./		LOMHO	LT, "Evidence o occus pneumonia	of Recombination e", Infection and	n and an A d Immunit	ntigenically Diverse Imm y, Nov. 1995, p. 4238-424.	unoglobulin A 3, Vol. 63, No	1 Protease amo	ong Strains	of	
EXAMINE	R	/Kerima Ma	aasho/			DATE CONSIDERED	07/13/2	007			
EXAMINE F	R: Initia	l if citation cons	idered, whether or form with next co	r not citation is in communication to a	conformanc	ce with MPEP Section 609; E	Praw line throu	gh citation if not	in conform	ance and	

Docket Number (Optional) **Application Number** HOI-14402/16 10/563,976 Applicant(s) INFORMATION DISCLOSURE CITATION Sorensen et al. (Use several sheets if necessary) Filing Date Group Art Unit 1/9/2006 Unknown U.S. PATENT DOCUMENTS EXAMINER FILING DATE SUBCLASS REP DOCUMENT NUMBER DATE NAME CLASS INITIAL IF APPROPRIATE U.S. PATENT APPLICATION PUBLICATIONS EXAMINER FILING DATE REF DOCUMENT NUMBER DATE NAME CLASS SUBCLASS INITIAL IF APPROPRIATE FOREIGN PATENT DOCUMENTS Translation REF DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS YES NO OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) McDANIEL et al., "Monoctonal Antibodies Against Protease-Sensitive Pneumococcal Antigens Can Protect Mice From Fatal Infection With Streptococcus Pneumoniae", J.Exp.Med. 1984.Aug.1. 160:368-397. /K.M./

McDANIEL et al., "PspA, a Surface Protein of Streptocococcus pneumoniae. Is Capable of Eliciting Protection against

McDANIEL et al., "PspA, a Surface Protein of Streptocococcus pneumoniae, Is Capable of Eliciting Protection against Pneumococci of More Than One Capsular Type", Infection and Immunity, Jan. 1991, p. 222-228, Vol. 59, No. 1.

EXAMINER /Kerima Maasho/ DATE CONSIDERED 07/13/2007

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

		•		Docket Number (Optional) HOI-14402/16			Application Number 10/563,976			
	INFO	RMATION DISCLOSURE	E CITATION		Applicant(s)		10/3	103,970		
	** ** -	Use several sheets if necessar		,	Sorensen et al.	•				
				1	Filing Date 1/9/2006		Group Art Unit Uni	known		
			U.S	. PATENT	DOCUMENTS	· · · · · ·				
EXAMINER	REF	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING	G DATE	
INITIAL	Ac.	- DOCUMENT NOMBER	DUTE	 	NAME	CLASS	Supermo	IF APPRO		
		<u> </u>	!			<u> </u>	· · · · · · · · · · · · · · · · · · ·	<u> </u>		
					<u> </u>				, `	
		<u> </u>	<u> </u>		· ·					
		<u>.</u>								
								<u> </u>		
			U.S. PATENT	ſ APPLICA	ATION PUBLICATIONS	····				
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	<u> </u>	NAME	CLASS	SUBCLASS	FILING IF APPRO	OPRIATE	
							·			
				<u></u>				<u></u>		
			FOREI	IGN PATEN	NT DOCUMENTS			·	·	
	REF	DOCUMENT NUMBER	DATE	<u> </u>	COUNTRY	CLASS	SUBCLASS	Trans YES	slation NO	
				<u> </u>						
				OCUMENT						
K.M./		MITCHELL et al., "Cor Acids Research, Vol. 18,	mparison of pneur , No. 13, May 11,	molysin ge 1990.	enes and proteins from Stre	ptococcus p	neumoniae type	s 1 and 2".	, Nucleic	
1/ NA /		NIFI SEN et al "Antib	adice against nna		I C-polysaccharide are not p		Microbial Both	nin 1/	002. 14.	
K.M./		299-305.	odies agamse buer	атососсая	C-polysaccharide are not p)rotective ,	Micropiai rain	ogenesis 1>	193; 14:	
									·	
EXAMINE	₹ 	/Kerima Maasho/	·		DATE CONSIDERED 07	/13/20	07	:		
EXAMINE F	R: Initia	al if citation considered, whether o	or not citation is in a	conforman	ce with MPEP Section 609; Dr	aw line thro	ugh citation if not	in conform	ance and	

	INFO	. RMATION DISCLOSUF (Use several sheets if nece.		Docket Number (Optional) HOI-14402 Applicant(s) Sorensen et al.		Application Number 10/5	63,976	
		(Use several sheets if hece.	isui y	Filing Date 1/9/2000		Group Art Unit	known	
		·	U.S. PA	ATENT DOCUMENTS	<u>'</u>		diowii	
•EXAMINER			1			T	FILING DAT	TF
INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	IF APPROPRI	
					- - 		<u> </u>	
					-			
		·		·				
			U.S. PATENT AI	PPLICATION PUBLICATIONS	·	a · .		
•EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DA	
							II AITROTAL	
						•		
		v						
								
			FOREIGN	PATENT DOCUMENTS	.			<u></u>
	REF	DOCTIMENT NUMBER					Translatio	
•	REF	DOCUMENT NUMBER	DATE .	COUNTRY	CLASS	SUBCLASS		NO
			·					
•								
		In many	OTHER DOC			Pertinent Pages, Et		
/K.M./		Pneumoniae", Infection	t of Immunization wiw on and Immunity, May	th Pneumolysin on Survival T 1983, p. 548-552, Vol. 40, No.	ime of Mice Chi 2	allenged with St	reptococcus	
/K.M./		PATON et al., "Purif Streptococcus pneum	ication and Immunoger oniae Type 19F Polysac	nicity of Genetically Obtained echaride", Infection and Immu	Pneumolysin T inity, July 1991	oxoids and Thei , p. 2297-2304, \	r Conjugation /ol. 59, No. 7.	to
EXAMINE	R	/Kerima Maasho/		DATE CONSIDERED	07/13/20	07		
		al if citation considered, wheth clude copy of this form with ne		formance with MPEP Section 60	9; Draw line thro	ugh citation if not	in conformanc	e and

P09A/REV05

	•	••			Docket Number (Optional) Application Number HOI-14402/16 10/563,976				
•	IŇFO	DRMATION DISCLOSU (Use several sheets if nec			Applicant(s) Sorensen et al.	•	<u> </u>	00,57.0	-
		, ,			Filing Date 1/9/2006		Group Art Unit Unl	known	
			U.S	S. PATENT	DOCUMENTS				
•EXAMINER INITIAL	REF	, DOCUMENT NUMBER	DATE	*	. NAME	CLASS	SUBCLASS	FILING IF APPRO	
							1 .!	IF APPRO	PRIATE
т.)							
	_		· U.S. PATENT	Γ APPLICA	ATION PUBLICATIONS				
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING IF APPRO	
									Phar
								·	
			FOREI	IGN PATEI	NT DOCUMENTS				
	REF	DOCUMENT NUMBER	DATE	·	COUNTRY	CLASS	SUBCLASS	Transl	slation NO
			•						
- 1				. 1		· ·			
				OCUMENT	, , ,		= -		
K.M./		RUSSELL et al., "M Clincal Microbiology	Ionoclonal Antibody F y, Oct. 1990, p. 2191-7	Recognizin 2195, Vol.	ng a Species-Specific Protei . 28, No. 10.	n from Stre	ptococcus pneur	noniae", Jo	ournal of
/K.M./		SAMPSON et al., "L Infection and Immur	Limited Diversity of S nity, May 1997, p. 196	treptococc 67-1971, V	cus pneumoniae psaA amou /ol. 65, No. 5.	ing Pneumo	coccal Vaccine S	Serotypes''	,
EXAMINER	R	/Kerima Maasho/	·		DATE CONSIDERED	07/13/	/2007		
EXAMINEI	R: Initia	ial if citation considered, wheth	ther or not citation is in a	conforman	ce with MPEP Section 609; Dr	raw line thro	ugh citation if not	in conform	ance and

		•			Docket Number (Optional) Application Number HO1-14402/16 10/563,976				
	INFO	RMATION DISCLOSURE (Use several sheets if necessa			Applicant(s) Sorensen et al.				
					Filing Date 1/9/2006		Group Art Unit Un	known	
			Ų.S.	PATENT	DOCUMENTS				
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	1	G DATE OPRIATE
								·	
				l					
			U.S. PATENT	APPLICA	TION PUBLICATIONS				
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING IF APPRO	
,									
				•					
	· · · · · ·		FOREIC	GN PATEN	NT DOCUMENTS	T			
	REF	DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	Trans YES	lation NO
			X						
-									
	·				·				
]									
		10:	OTHER DO						
K.M./		SAMPSUN et al., "Cion 37-Kilodalton Protein Ho 319-324, Vol. 62, No. 1.	ing and Nucleotide omologous to Prev	e Sequenc viously Re	e Analysis of psaA, the Str eported Streptococcus sp. A	eptococcus ¡ idhesins", li	pneumoniae Ger ifection an Imm	ie Encodin unity, Jan.	g a 1994,p.
K.M./		SORENSEN, "Pneumoco	occal polysacchari	ide antigei	ns: capsules and C-polysa	accharide",	Danish Medical	Bulletin, p).47-53
EXAMINER	₹	/Kerima Maasho/			DATE CONSIDERED (07/13/2	007		
EXAMINER not consider	t: Initia ed. Inc	al if citation considered, whether o	or not citation is in communication to ag	onformanc	e with MPEP Section 609; Dr	raw line throu	igh citation if not	in conforms	ance and

				Docket Number (Optional) HOI-14402/16		Application Number 10/563,976				
	INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				Applicant(s) Sorensen et al.			700,57.		
<u>·_</u>				_ ·	Filing Date 1/9/2006		Group Art Unit Unl	known		
			U.S	. PATENT	DOCUMENTS					
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	TE NAME		CLASS	SUBCLASS		G DATE OPRIATE	
								IF A	OPRIATE	
										
				 	•			 		
				 						
·			U.S. PATENT	r APPLICA	ATION PUBLICATIONS	1				
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	_	NAME	CLASS	SUBCLASS	1	G DATE OPRIATE	
								br que	Jrkin . L	
						-)				
			FOREI	GN PATEN	NT DOCUMENTS					
_	REF	DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	Trans YES	slation	
				ĺ						
										
		·								
				OCUMENT	(•		
K.M./		SZU et al., "Rabbit Anti Lethal Challenge with E	bodies to the Cell ncapsulated Pneu	Wall Poly imococci",	ysaccharide of Streptococc, Infection and Immunity, P	us pneumon No. 1986, p.	iae Fail to Prote 448-455, Vol. 54	ct Mice from No. 2.	om	
K.M./		SWIATLO, et al., "DNA Polymorphisms and Variant Penicillin-Binding Proteins as Evidence that Relatively Penicillin-Resistant Pneumococci in Western Canada Are Clonally Related", J.Infect.Dis. 174:884-888.								
EXAMINER	₹	/Kerima Maasho/			DATE CONSIDERED 07/13/2007					
EXAMINER not consider	R: Initia	al if citation considered, whether o	or not citation is in communication to a	conformanc	e with MPEP Section 609; Dr	raw line thro	agh citation if not	in conform	ance and	

P09A/REV05

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				Docket Number (Optional) HOI-14402/16		Application Number 10/563,976				
					Applicant(s) Sorensen et al.					
	(Out dover at one out of necessary)				Filing Date Group Art Unit 1/9/2006 Unknown			known		
			U.S.	. PATENT	DOCUMENTS					
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE		NAME CL		SUBCLASS	FILING		
Mino		 	+				+	IF APPRO)PRIATE	
	 		+	<u> </u>		-		-		
	\vdash	*					. !	 		
							'			
		,								
			U.S. PATENT	APPLICA	ATION PUBLICATIONS					
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING IF APPRO		
·			·							
	i									
				·		·				
			FORE	GN PATE	NT DOCUMENTS					
	REF	DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	Trans YES	slation NO	
									1	
			-	<u> </u>			-	\vdash		
				· · · · ·						
			<u> </u>					!		
		1	<u> </u>	<u> </u>		<u> </u>				
4 2	<u>.</u>	Tagana at al IIOne	OTHER DO		, ,					
K.M./	SORENSEN et al., "Cross-Reactions between Pneumococci and Other Streptococci Due to C Polysaccharide and F Antigen" Journal of Clinical Microbiology, Oct. 1987, p. 1854-1859.									
K.M./	1	TAI et al., "Characterization of Hemin Binding Activity of Streptococcus pneumoniae", Infection and Immunity, Mar. 1997, p. 1083-1087, Vol. 65, No. 3.								
EXAMINE	R	/Kerima Maasho/			DATE CONSIDERED 07/13/2007					
		al if citation considered, whether c			ce with MPEP Section 609; Dr	raw line thro	ugh citation if not	in conform	ance and	

		Docket Number (Optional)	Application Number				
•		HOI-14402/16	10/563,976				
INFO	ORMATION DISCLOSURE CITATION (Use several sheets if necessary)	Applicant(s) Sorensen et al.					
		Filing Date 1/9/2006	Group Art Unit Unknown				
•EXAMINER INITIAL	OTHER DOCUMENTS (Including Author, Tit						
/K.M./	TALKINGTON et al., "A 43-Kilodalton Pneumocc Analysis of the Amino-Terminal Sequence", Infect	occal Surface Protein, PspA: Isolation ion and Immunity, April 1991, p. 128:	1, Protective Abilities, and Structural 5-1289, Vol. 59, No. 4.				
	TALKINGTON et al., "Protection of mice against adhesin A (PsaA), Microbial Pathogenesis 1996; 21	st fatal pneumococcal challenge by immunization with pneumococcal surface 21: 17-22.					
	THARPE et al., "Purification and Seroreactivity of Pneumococcal Surface Adhesin A (PsaA)", Clinical and Dia Laboratory Immunology, Mar. 1996, p. 227-229, Vol. 3, No. 2.						
	SIMELL, et al., "Pneumococcul Carriage and Otit Pneumolysin, and Pneumococcal Surface Protein A	is Media Induce Salivary Antibodies t In Children", Journal of Infectious I	o Pneumococcal Surface Adhesin A, Diseases, 2001: 183:887-96.				
	A, Pneumococcal Surface Adhesin A, ournal of Infectious Diseases 2000:						
	SAMPSON et al., "Immunologic Characterization of a Monoclonal Antibody to Streptococcus pneumoniae Surface Adhesin A (PsaA) Protein", Abstracts of the General Meeting of the American Society for Microbio						
	RUSSELL et al., "Monoclonal Antibody Recognizi Clinical Microbiology, Oct. 1990, p. 2191-2195, Vo	ing a Species-Specific Protein from Str J. 28, No. 10.	reptococcus pneumoniae", Journal of				
	SRIVASTAVA et al., "Selection of an Immunogeni Using a Phage Display Library", Hybridoma, Volu	ic and Protective Epitope of the PsaA	Protein of Streptococcus pneumoniae				
	Using a Phage Display Library , Hybridoma, Volume 19, Number 1, 2000.						
	PILISHVILI et al., "Neutralization of Attachment PsaA and Anti-PsaA and Anti-bodies", Abstracts of	ation of Attachment of Streptococcus pneumoniae to Human Epithelial Cells by Recombinant bodies", Abstracts of the General Meeting of the American Society for Microbiology 101:346.					
Ψ	VAN DER POL et al., "Pneumococcal Capsular Povia FcalphaRI (CD89)", Journal of Infectious Disease	olysaccharide-Specifc IgA Triggers Ef ases, 2000; 182:1139-45.	ficient Neutrophil Effector Functions				
		<u></u>					
			-				
EXAMINER /Ke	erima Maasho/	DATE CONSIDERED 07/13/	2007				
	itial if citation considered, whether or not citation is in conforma nclude copy of this form with next communication to applicant.	ance with MPEP Section 609; Draw line th	rough citation if not in conformance and				

P098/REV04